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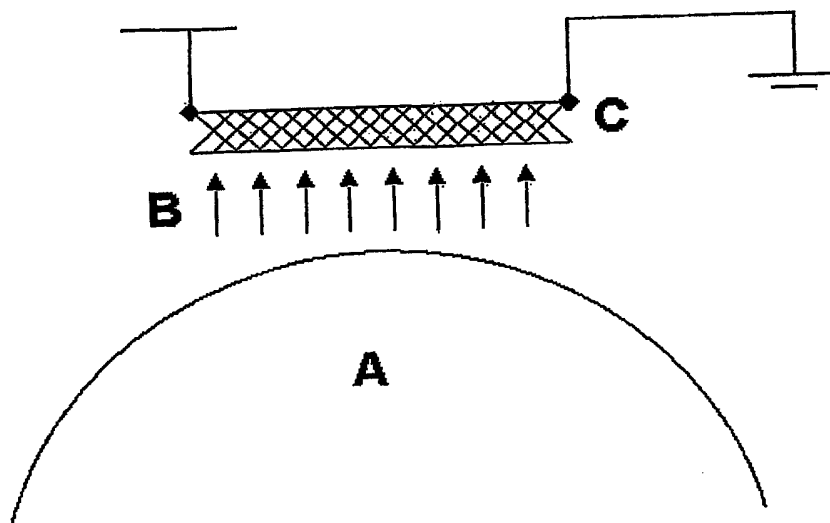
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(54) Title: COATING OF SURGICAL DEVICES



(57) Abstract: The invention provides a method for the coating of a surgical device, wherein the coating is carried out by electrostatic Powder deposition. The device may be a device used in a surgical or diagnostic procedure, including interventional devices as well as implantable devices. Because the coating is applied electrostatically, it is attracted to all parts of the device, not just those parts that are in the 'line of sight' of the spray, as is the case with conventional liquid spray coating. The process allows uniform and reproducible amounts to be deposited and thus drug-eluting coatings can be accurately applied to stents and other surgical devices, resulting in good control over drug release. Furthermore, drug-eluting coats can be applied in a single step, although multiple layers can easily be applied if desired to create a specific drug release profile.

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